

ROUTER FOR A PERSONAL WIRELESS NETWORK

ABSTRACT

The invention is a router for a personal wireless network. The router includes an amplifier, a processor coupled to the amplifier, a power connection coupled to the amplifier; a transceiver bank coupled to both the amplifier and the processor, and a wireless communication software stored in a memory device, the memory coupled to the processor. In addition, the router enables the extension of the range of a personal wireless network through the amplification and re-transmission of received data packets.